

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-008703**Date Inspected:** 23-Aug-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	Zhan Hai Feng/ Guo Yuan Ting	CWI Present:	Yes	No
Inspected CWI report:	Yes No N/A	Rod Oven in Use:	Yes	No N/A
Electrode to specification:	Yes No N/A	Weld Procedures Followed:	Yes	No N/A
Qualified Welders:	Yes No N/A	Verified Joint Fit-up:	Yes	No N/A
Approved Drawings:	Yes No N/A	Approved WPS:	Yes	No N/A
		Delayed / Cancelled:	Yes	No N/A
Bridge No:	34-0006	Component:	OBG Components	

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector, Hiranch Patel, was present during the times noted above for observations relative to the work being performed.

Bay #1

This QA inspector performed MT of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an MT report for this date. The member is identified as OBG Components. The weld designations reviewed are as follows:

-(CB201C-007-002)

Bay #2

This QA inspector performed UT of approximately 10% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an UT report for this date. The member is identified as OBG Components. The weld designations reviewed are as follows:

-(FB3027-001-023, 031, 026)

-(FB3099-001-023, 031, 026)

-(FB6502-001-023, 031, 026)

-(FB3042-001-023, 031, 026)

-(FB6501-001-023, 031, 026)

-(FB3080-001-023, 031, 026)

-(FB3084-001-023, 031, 026)

This QA inspector observed the following work i-n progress:

Bay#2

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FCAW welding of weld joint FB3003-003-002/004 located on FB3003-003. Welder is identified as 062438 (1G). ZPMC QC-CWI is identified as Zhan Hai Feng. The welding variables recorded by QC appeared to comply with the Applicable WPS.

FCAW welding of weld joint FB3065-001-001 located on FB3065-001. Welder is identified as 045203 (1G). ZPMC QC-CWI is identified as Zhan Hai Feng. The welding variables recorded by QC appeared to comply with the Applicable WPS.

FCAW welding of weld joint FB3059-002-001 located on FB3059-002. Welder is identified as 045203 (3G). ZPMC QC-CWI is identified as Zhan Hai Feng. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Cross Beams Update:

CB007-Bay#1- Rectification work is in progress

CB008-Bay#6- Welding of Side plate to Deck Plate (Corner Joint).

FCAW welding of weld joint CB202A-008-008 located on CB-008. Welder is identified as 048625 (1G). ZPMC QC-CWI is identified as Meng Linnan. The welding variables recorded by QC appeared to comply with the Applicable WPS.

FCAW welding of weld joint CB202A-008-019 located on CB-008. Welder is identified as 048625 (1G). ZPMC QC-CWI is identified as Meng Linnan. The welding variables recorded by QC appeared to comply with the Applicable WPS.

CB012-Bay#8- Welding of Side plate to Bottom Plate (Corner Joint).

FCAW welding of weld joint CB201A-012-011 located on CB-012. Welder is identified as 066687 (1G). ZPMC QC-CWI is identified as Zhang Jiang Xin. The welding variables recorded by QC appeared to comply with the Applicable WPS.

CB010- Out side yard- Welding of side plate to Bottom plate (Corner Joint).

FCAW welding of weld joint CB202A-010-017 located on CB-010. Welder is identified as 044830 (2G). ZPMC QC-CWI is identified as Guo Yuan Ting. The welding variables recorded by QC appeared to comply with the Applicable WPS.

FCAW welding of weld joint CB202A-010-005 located on CB-010. Welder is identified as 044825 (2G). ZPMC QC-CWI is identified as Guo Yuan Ting. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Unless otherwise noted, all observed on this date appeared to generally comply with applicable contract documents.

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Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 150-0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Patel,Hiranch	Quality Assurance Inspector
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Reviewed By:	Prue,Erik	QA Reviewer
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